The Summit48™ is the ideal advanced 10/100 Mbps aggregation solution switch. Featuring the powerful “i” series chipset, it extends the power of Extreme’s Ethernet service provisioning platform to the edge of the network, delivering non-blocking wire-speed IP/IPX routing and switching. With its 2 RU form factor, the Summit48 is perfect for deployment at the edge of advanced enterprises, multi-tenant/multi-dwelling units (MTUs/MDUs), Internet data centers, and co-location environments. In addition, bringing Ethernet service provisioning to the edge of the network, the Summit48 offers flexibility in network design, allowing multiple vendors at the edge for superior performance and security.

The Summit48 is available with 48 switched 10/100 Mbps auto-negotiating Ethernet ports and two full-duplex GBEBASE-XL or LX SC-75 Gigabit Ethernet ports. It has a >7.7 Gbps non-blocking switch fabric with a forwarding rate of 115.1 million packets per second, and is available with an optional integrated dual power supply unit for increased fault tolerance.

Pre-installed on every Extreme Networks switch, the ExtremeWare software suite licenses industry standard protocols to ensure interoperability with legacy switches and routers, plus Policy-Based Quality of Service (QoS) for bandwidth management, and traffic prioritization. ExtremeWare solves performance and increase availability by combining Policy-Based QoS with traffic prioritization, web cache redirection in server farms, or connecting "out-of-band" loopback IP addresses.

IEEE 802.1p and IEEE 802.1p.
The Summit™ is the ideal advanced 10/100 Mbps aggregation solution switch. Featuring the powerful “i” series chipset, it offers flexibility in network design, allowing multiple subnets at the edge for superior performance and security.

The Summit™ is available with 48 switched 10/100 Mbps auto-negotiating Ethernet ports and two full-duplex GbE-based ports. With a forwarding rate of 110 million packets per second, it is available with an optional integrated dual power supply for increased fault tolerance.

Pre-installed on every Extreme Networks switch, the ExtremeWare software suite features industry standard protocols to ensure interoperability with legacy switches and routers, plus Policy-Based Quality of Service (QoS) for bandwidth management and traffic prioritization. ExtremeWare’s scalable performance and increase availability by combining Policy-Based QoS with fully functional server load balancing, web cache redirection, access control lists, VLAN switching and routing, IETF DiffServ traffic prioritization. ExtremeWare scales performance and increases availability by combining Policy-Based QoS with fully functional server load balancing, web cache redirection, access control lists, VLAN switching and routing, IETF DiffServ traffic prioritization.

### Product Specifications

**General**
- Time (Muxed interface and Fiscal) and panel-based hardness control and application protection
- Eight cosmetic port LEDs
- 10/100 Mbps auto-negotiation
- Up to 100000 Layer 3 addresses
- IPv4/IPv6

**Protocols and Standards**
- General Routing
  - RIPv1 (RFC 1058), RIPv2 (RFC 2453), RIPng (RFC 2865)
  - BGP4 (RFC 1771, BGP4+ (RFC 2858))
  - OSPF (RFC 2328, OSPFv2 (RFC 2678), OSPFv3 (RFC 2073))
  - BGP4 (RFC 2082, RFC 2083, RFC 2084, RFC 2085)
  - BGP4 (RFC 2082, RFC 2083, RFC 2084, RFC 2085)

### Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15501</td>
<td>Summit48, 48 10/100 (RJ-45) ports and two active (unpopulated) GBIC-based ports (SC) + two redundant (unpopulated) GBIC-based ports (SC), Basic Layer 3 ExtremeWare Software License, single power supply</td>
</tr>
<tr>
<td>15502</td>
<td>Summit48, 48 10/100 (RJ-45) ports and two active (unpopulated) GBIC-based ports (SC) + two redundant (unpopulated) GBIC-based ports (SC), Basic Layer 3 ExtremeWare Software License, dual internal power supply</td>
</tr>
<tr>
<td>15503</td>
<td>Summit48, 48 10/100 (RJ-45) ports and two active (unpopulated) GBIC-based ports (SC) + two redundant (unpopulated) GBIC-based ports (SC), Full Layer 3 ExtremeWare Software License, single power supply</td>
</tr>
<tr>
<td>15504</td>
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For the latest Summit™ product specifications, check out www.extremenetworks.com/products/detail/specs/summit48.asp